

## PROGRAM STRENGTHS

- The Surveying Technology program at Ferris State University was established in 1957
- Over \$25,000 in student scholarships are awarded annually
- The growth outlook is 9% - 17% annually according to the National Bureau of Labor Statistics
- One of the best equipped indoor and outdoor laboratories in the United States
- Small classes taught by experienced faculty members
- Graduates qualify for the Professional Surveyor (PS) and Professional Engineer (PE) examinations in the State of Michigan
- State-of-the-art equipment provided by manufacturers
- The Industry Advisory Board including a wide range of industry leaders

## PROGRAM OFFERINGS

Ferris State University offers four educational programs designed to meet the needs of various individuals who pursue a career in the surveying industry.

### 1. ASSOCIATE IN APPLIED SCIENCE IN SURVEYING TECHNOLOGY

The Associate in Applied Science degree program prepares students to enter the workforce as a surveying technician.

### 2. BACHELOR OF SCIENCE IN SURVEYING ENGINEERING

The Bachelor of Science degree in Surveying Engineering builds on the Associate in Applied Science degree with advanced courses in:

- Global Positioning Systems (GPS) and High Definition (HD) Surveying
- Geographic Information Systems (GIS)
- Boundary Surveying
- Photogrammetry and Remote Sensing

### 3. ONLINE CERTIFICATE PROGRAM IN GEOGRAPHIC INFORMATION SYSTEMS (GIS)

- Principles of GIS
- Data collection methodologies for GIS
- Student selected project on GIS applications

## 4. CERTIFICATE IN POSITIONING FOR HYDROGRAPHIC SURVEYING

The certificate in Certificate in Positioning for Hydrographic Surveying is a three course sequence certificate (includes GIS, Remote Sensing, Great Lakes Research Technologies) offered in collaboration with Northern Michigan College.

## 5. SURVEYING ENGINEERING CERTIFICATE

### STUDENT ORGANIZATIONS

- The Burt and Mullet Student Chapter of the Society of Professional Surveyors (NSPS).
- The Mary Feindt Chapter of the Lambda Sigma Honor Society.

### OPTIONS FOR GRADUATES

Upon completion of the Bachelor of Science degree in Surveying Engineering graduates have several career path options.

- Become employees and eventual partners or owners of private surveying engineering firms after obtaining their license
- Work for government agencies such as the National Geospatial intelligence Agency (NGA), the Bureau of Land Management, National Highway Administrations, and State Departments of Transportation
- Pursue a graduate degree

### PROGRAM RECOGNITION

- Accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET)
- Approved and recognized by the Michigan State Board of Professional Surveyors

### PROGRAM ENROLLMENT

To apply visit the web site:

[www.ferris.edu/admissions/application](http://www.ferris.edu/admissions/application)

### CONTACT INFORMATION

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